

#9/ Attachment

Individual Applicant

Street : 57 Culver Road
 City : Rochester
 State : New York
 Country : USA
 PostalCode : 14620-____
 PhoneNumber : ____-____-____
 FaxNumber : ____-____-____
 EmailAddress :

<110> LastName : Sutherland
 <110> FirstName : John
 <110> MiddleInitial : W
 <110> Suffix :

Individual Applicant

Street : 57 Culver Road
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 EmailAddress :

<110> LastName : Sutherland
 <110> FirstName : John
 <110> MiddleInitial : W
 <110> Suffix :

Application Project

<120> Title : Detecting Nucleic Acid Detection Sequences
 <130> AppFileReference : CDS-232
 <140> CurrentAppNumber :
 <141> CurrentFilingDate : ____-____-____

Sequence

<213> OrganismName : Synthetic construct
 <400> PreSequenceString :
 cacagacatc ataacaaaaa atttccacca aacccccctt cccccgttc tggccacagc
 60acttaaacac atctctgcca aaccccaaaa acaaagaacc ctaacac
 107

<212> Type : DNA
 <211> Length : 107
 SequenceName : First Sequence
 SequenceDescription :

Custom Codon

Sequence Name : First Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

cacagacatc ataacaaaaa attt

24

<212> Type : DNA

<211> Length : 24

SequenceName : Second Sequence

SequenceDescription :

Custom Codon

Sequence Name : Second Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

gtgttagggt tctttgtttt tgggg

25

<212> Type : DNA

<211> Length : 25

SequenceName : Third Sequence

SequenceDescription :

Custom Codon

Sequence Name : Third Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

gcgagctctg gccacagcac ttaaaccgc tcgc

34

<212> Type : DNA

<211> Length : 34

SequenceName : Fourth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Fourth Sequence

Sequence

<213> OrganismName : Human

<400> PreSequenceString :

```
agaaccaaca cctctttaca gtgaaatgcc ccaactaaat actaccgtat ggcccacccat
    60aattaccccc atactcctta cactattcct catcacccaa ctaaaaatat taaa
cacaaa      120ctaccaccta cctccctcac caaagcccat aaaaataaaa aattataa
ca aaccctgaga      180acaaaaatga acgaaaatct gttcgcttca ttcattgccc c
cacaatcct aggcctaccc      240gccgcagtac tgatcattct atttccccct ctatt
gatcc ccacctccaa atatctcatc      300aacaaccgac taatcaccac ccaacaatg
a                                     330
```

<212> Type : DNA

<211> Length : 330

SequenceName : Fifth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Fifth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
accaacacct ctttacagt aaatgcc
    27
```

<212> Type : DNA

<211> Length : 27

SequenceName : Sixth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Sixth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
tcattgttgg gtggtgatta g
    21
```

<212> Type : DNA

<211> Length : 21

SequenceName : Seventh Sequence

SequenceDescription :

Custom Codon

Sequence Name : Seventh Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

ccgtcgcctc cctcaccaaa gcccataaac gacgg

35

<212> Type : DNA

<211> Length : 35

SequenceName : Eight Sequence

SequenceDescription :

Custom Codon

Sequence Name : Eight Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

tgtatgatat gtttgcggtt tcgatgat

28

<212> Type : DNA

<211> Length : 28

SequenceName : Ninth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Ninth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

gccccaaacta aatactaccg

20

<212> Type : DNA

<211> Length : 20

SequenceName : Tenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Tenth Sequence

Sequence

```

-----
<213> OrganismName : Synthetic construct
<400> PreSequenceString :
gatgtggtct ttggagtaga aacctg
      26
<212> Type : DNA
<211> Length : 26
      SequenceName : Eleventh Sequence
      SequenceDescription :

```

Custom Codon

```

-----
Sequence Name : Eleventh Sequence

```

Sequence

```

-----
<213> OrganismName : Synthetic construct
<400> PreSequenceString :
ccgctcgaaa ggtattcctg ctaatgctag gctgccaatc gagcgg
      46
<212> Type : DNA
<211> Length : 46
      SequenceName : Twelfth Sequence
      SequenceDescription :

```

Custom Codon

```

-----
Sequence Name : Twelfth Sequence

```

Sequence

```

-----
<213> OrganismName : Human
<400> PreSequenceString :
ggggaagcag atttgggtac caccgaagta ttgactcacc catcaacaac cgctatgtat
      60ttcgtacatt actgccagcc accatgaata ttgtacggta ccataaatac ttga
ccacct      120gtagtagacata aaaacccaat ccacatcaaa accccctccc catgctta
ca agcaagtaca      180g
                                181
<212> Type : DNA
<211> Length : 181
      SequenceName : Thirteenth Sequence
      SequenceDescription :

```

Custom Codon

```

-----
Sequence Name : Thirteenth Sequence

```

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

ggggaagcag attgggtac ca

22

<212> Type : DNA

<211> Length : 22

SequenceName : Fourteenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Fourteenth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

ctgtacttgc ttgtaagcat

20

<212> Type : DNA

<211> Length : 20

SequenceName : Fifteenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Fifteenth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

gcgtcggact cacccatcaa caaccgctat cgacgc

36

<212> Type : DNA

<211> Length : 36

SequenceName : Sixteenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Sixteenth Sequence

Sequence

<213> OrganismName : Human

<400> PreSequenceString :

```
gccgcagtagc tgatcattct atttccccct ctattgatcc ccacctccaa atatctcatc
      60aacaaccggc tatgtatttc gtacattact gccagccacc atgaatattg tacg
gtacca      120taaatacttg accacctgta gtacataaaa acccaatcca catcaaaa
cc ccctcccat      180gcttacaagc aagtacag
                                198
```

<212> Type : DNA

<211> Length : 198

SequenceName : Seventeenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Seventeenth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
gcgtcgctgc cagccacat gaattattgta cgacgc
      36
```

<212> Type : DNA

<211> Length : 36

SequenceName : Eighteenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Eighteenth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

```
gccgcagtagc tgatcattct atttccccct cta
      33
```

<212> Type : DNA

<211> Length : 33

SequenceName : Nineteenth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Nineteenth Sequence

Sequence

<213> OrganismName : Synthetic construct
<400> PreSequenceString :
ccgctcggcc gcagtactga tcattctatt tccccctcta cgagcgg
47
<212> Type : DNA
<211> Length : 47
SequenceName : Twentieth Sequence
SequenceDescription :

Custom Codon

Sequence Name : Twentieth Sequence

Sequence

<213> OrganismName : Synthetic construct
<400> PreSequenceString :
tactcaaaac catacctctc acttcaacct
30
<212> Type : DNA
<211> Length : 30
SequenceName : Twenty-first Sequence
SequenceDescription :

Custom Codon

Sequence Name : Twenty-first Sequence

Sequence

<213> OrganismName : Synthetic construct
<400> PreSequenceString :
gaacgaaaat ctgttcgctt cattcattgc
30
<212> Type : DNA
<211> Length : 30
SequenceName : Twenty-Second Sequence
SequenceDescription :

Custom Codon

Sequence Name : Twenty-Second Sequence

Sequence

<213> OrganismName : Synthetic construct
<400> PreSequenceString :
gcgtcgcac acccaactaa aaatattaaa caccgacgc

39
<212> Type : DNA
<211> Length : 39
SequenceName : Twenty-third Sequence
SequenceDescription :

Custom Codon

Sequence Name : Twenty-third Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

ctgctaattgc taggctgccat

22

<212> Type : DNA

<211> Length : 22

SequenceName : Twenty-fourth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Twenty-fourth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

cgccgcctca tcacccaact aaaaatatta aacacaaact accaccggcg gcg

53

<212> Type : DNA

<211> Length : 53

SequenceName : Twenty-fifth Sequence

SequenceDescription :

Custom Codon

Sequence Name : Twenty-fifth Sequence

Sequence

<213> OrganismName : Synthetic construct

<400> PreSequenceString :

cctgcggctg ccagccacca tgaatattgt acggtaccgc agg

43

<212> Type : DNA

<211> Length : 43

SequenceName : Twenty-sixth Sequence
SequenceDescription :

Custom Codon

Sequence Name : Twenty-sixth Sequence